

re-submitted 5/15/06



FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51411/B768
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		
Application Number	10/724,382	
Filing Date	November 26, 2003	
Applicant(s)	Kenneth N. Bates, et al.	
Group Art Unit	3737	
Examiner Name	Francis J. Jaworski	

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (<input checked="" type="checkbox"/>)

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>[Signature]</i>		STANTON, ROBERT E., High Density Pad Grid Array Interconnect System, AMP Journal of Technology, November 3, 1993, 6pgs., Vol. 3, U.S

(IFW Duplicate 5-15-06)

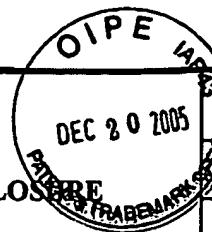
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EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		4,545,386	10-08-1985	Hetz et al.
		5,381,795	01-17-1995	Nordgren et al.

FOREIGN PATENT DOCUMENTS

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		International Search Report of PCT/US03/38182, dated 10-25-2005			

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		International Search Report of PCT/US03/38182, dated 10-25-2005

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EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		5,284,147	02-08-1994	Hanaoka et al.
		5,598,846	02-04-1997	Peszynski
		US 2005/0085731 A1	04-21-2005	Miller et al.

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	Applicant(s)	Kenneth N. Bates, et al.
	Group Art Unit	To be assigned
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U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
		4,003,621	01-18-1977	Lamp
		4,671,292	06-09-1987	Matzuk
		4,693,529	09-15-1987	Stillie
		4,913,656	04-03-1990	Gordon et al.
		4,940,413	07-10-1990	Childers et al.
		4,972,839	11-27-1990	Angelsen
		5,026,291	06-25-1991	David
		5,123,852	06-23-1992	Gillett
		5,199,881	04-06-1993	Oshita et al.
		5,265,329	11-30-1993	Jones et al.
		5,372,512	12-13-1994	Wilson et al.
		5,385,477	01-31-1995	Vaynkof et al.
		5,403,194	04-04-1995	Yamazaki
		5,461,482	10-24-1995	Wilson et al.
:		5,533,904	07-09-1996	Nobel et al.
		5,573,409	11-12-1996	Shiley et al.
		5,597,982	01-28-1997	Hiwada
		5,598,194	01-28-1997	Hall et al.
		5,604,976	02-25-1997	Stobie et al.
		5,782,645	07-21-1998	Stobie et al.
		5,795,299	08-18-1998	Eaton et al.
		5,805,424	09-08-1998	Purinton
		5,805,425	09-08-1998	Peterson
		5,805,426	09-08-1998	Merritt et al.

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VN		5,818,700	10-06-1998	Purinton
		5,846,097	12-08-1998	Marian, Jr.
		5,904,580	05-18-1999	Kuzel et al.
		6,024,579	02-15-2000	Bennett
		6,029,530	02-29-2000	Patton et al.
		6,052,286	04-18-2000	Worthen et al.
		6,106,305	08-22-2000	Kozel et al.
		6,123,551	09-26-2000	Westfall
↓		US 6,350,122 B1	02-26-2002	Glatts, III
↓		US 6,358,064 B1	03-19-2002	Szaley et al.

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<i>MJ</i>		5,913,688	06-22-1999	Marian, Jr.
<i>MJ</i>		6,350,132 B1	02-26-2002	Glatts, III

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